



A.D. 1838 N° 7667.

S P E C I F I C A T I O N

OF

JOSEPH GREEN.

OVENS.

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1857.



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Ovens.

GREEN'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, JOSEPH GREEN, of Ranelagh Grove, Chelsea, in the County of Middlesex, Gentleman, send greeting.

WHEREAS Her present most Excellent Majesty Queen Victoria, by Her
5 Letters Patent under the Great Seal of Great Britain, bearing date at
Westminster, the Second day of June, in the first year of Her reign, did,
for Herself, Her heirs and successors, give and grant unto me, the said
Joseph Green, Her especial licence, that I, the said Joseph Green, my exors,
admsors, and assigns, or such others as I, the said Joseph Green, my exors,
10 admsors, or assigns, should at any time agree with, and no others, from time
to time and at all times during the term of years therein expressed, should
and lawfully might make, use, exercise, and vend, within England, Wales, and
the Town of Berwick-upon-Tweed, my Invention of "AN IMPROVEMENT ON
OVENS;" in which said Letters Patent is contained a proviso obliging me, the
15 said Joseph Green, by an instrument in writing under my hand and seal,
particularly to describe and ascertain the nature of my said Invention, and in
what manner the same is to be performed, and to cause the same to be
enrolled in Her said Majesty's High Court of Chancery within six calendar
months next and immediately after the date of the said recited Letters Patent,
20 as in and by the same, reference being thereunto had, will more fully and at
large appear.

NOW KNOW YE, that in compliance with the said proviso, I, the said
Joseph Green, do hereby declare the nature of my said Invention to consist
in rendering the reflected heat of an ordinary Dutch oven, or other oven

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acting on the same principle, more efficient and available for the purpose of baking ; first, by covering the material to be baked, when placed on the shelf of the oven, with a close cover so fastened to the shelf as always to retain the same relative position to the top, bottom, and sides of the oven, as is most conducive to the effect required ; and, secondly, by placing a reflector 5 or curved plate at the bottom of the oven corresponding in curve with its domed top or nearly so. And in further compliance with the said proviso, I, the said Joseph Green, do hereby describe the manner in which my said Invention is to be performed by the following statement thereof, reference being had to the Drawing annexed, and to the figures and letters marked 10 thereon (that is to say) :—

DESCRIPTION OF THE DRAWING.

Figure 1 represents a side view of one of my improved ovens in section, showing the relative distance at which the new parts are kept from the back, top, and bottom of the oven. O, O is an ordinary tin Dutch oven. H is the 15 handle by which the whole is lifted. S is a moveable shelf of rolled plate iron resting on two side brackets and one back bracket B, B, B ; this shelf should be one eighth of an inch smaller than the oven, except at the back where it rests on the bracket, and at the front where it touches at each side. On the shelf is a cast-iron cover C, which is attached to the shelf at the back 20 part by a hinge or joint J, as here shown, and should fit down perfectly close on the shelf. P is supposed to be a pie or pudding undergoing the process of baking. R is a curved or concave reflecting plate, made, like the oven, of tin, and corresponding as nearly as may be with the curve of the top of the oven. This reflecting plate rests against the end of the back bracket, and is kept 25 from sliding forward by the lip or rim in front of the bottom of the oven. Figure 2 is a front elevation of Figure 1, and Figure 3 is a separate view of the shelf and cover removed from the oven, the dotted lines shewing the position the cover would take when thrown completely back on its hinge. Figure 4 is a stout holder or instrument made of round iron rod, for removing 30 the shelf from the oven when hot ; and Figure 5 is a diagram showing the shape of the shelf in plan, and its distance from the sides of the oven.

Now whereas I claim, as my Invention, the projecting iron shelf and cover united to it by a hinge, in order to preserve it at one settled distance from the back and sides of the oven, and also the reflecting plate underneath all, as 35 applied to ordinary Dutch oven, or any other oven on the same principle, thereby constituting my said improvement on ovens ; and such my Invention being, to the best of my knowledge and belief, entirely new and never before

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used within that part of Her said Majesty's United Kingdom of Great Britain and Ireland called England, Her Dominion of Wales, or Town of Berwick-upon-Tweed, I do hereby declare this to be my Specification of the same, and that I do verily believe this my said Specification doth comply in all respects,
 5 fully and without reserve or disguise, with the proviso in the said herein-before in part recited Letters Patent contained, wherefore I do hereby claim to maintain exclusive right and privilege to my said Invention.

10 In witness whereof, I, the said Joseph Green, have hereunto set my hand and seal, this First day of December, One thousand eight hundred and thirty-eight.

JOSEPH (L.S.) GREEN.

AND BE IT REMEMBERED, that on the First day of December, in the year of our Lord 1838, the aforesaid Joseph Green came before our said Lady the Queen in Her Chancery, and acknowledged the Specification
 15 aforesaid, and all and every thing therein contained and specified, in form above written. And also the Specification aforesaid was stamped according to the tenor of the Statute made for that purpose.

ADAM.

Inrolled the First day of December, in the year of our Lord One thousand eight hundred and thirty-eight.

LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
 Printers to the Queen's most Excellent Majesty. 1857.

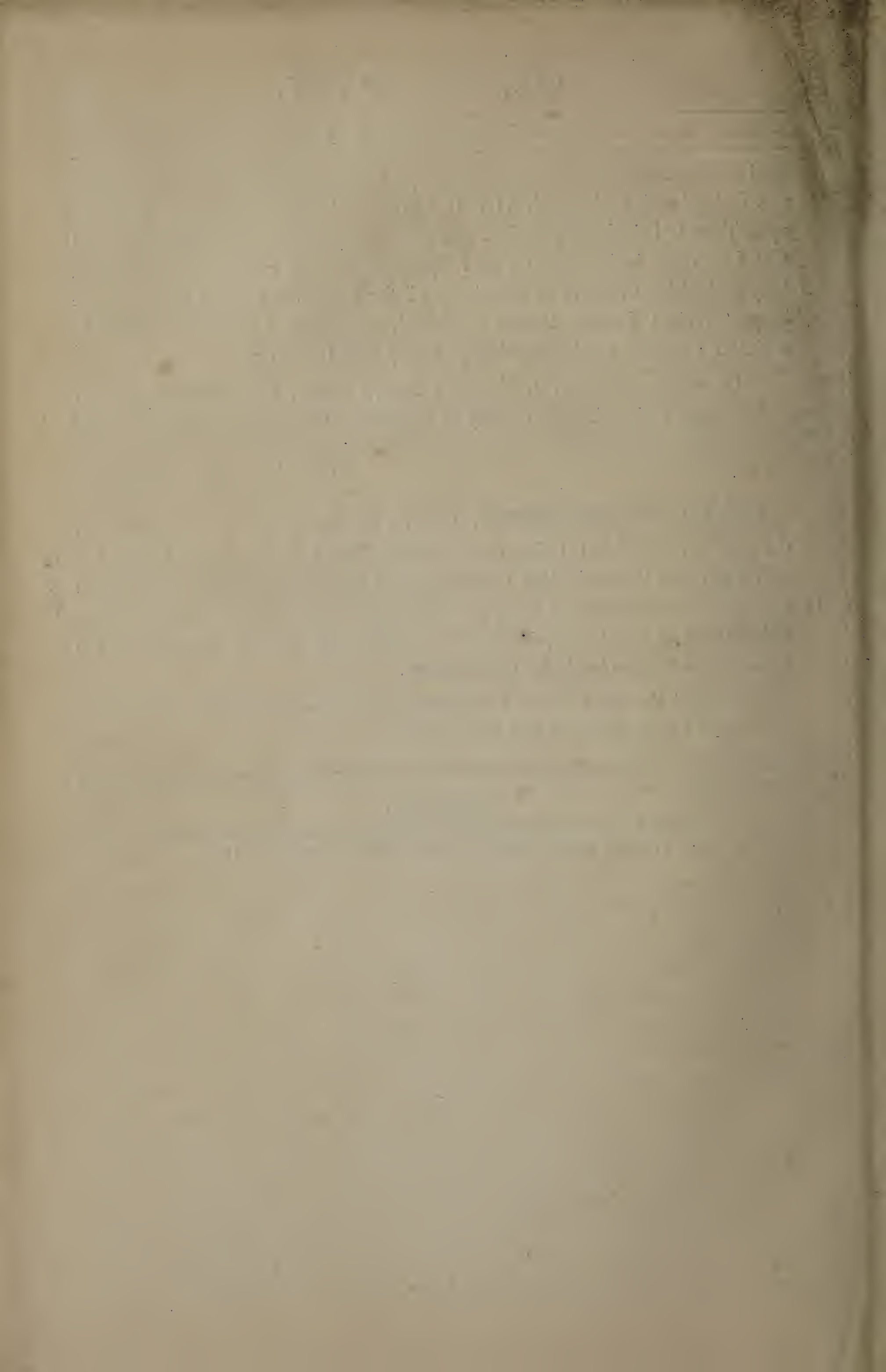


FIG. 1.

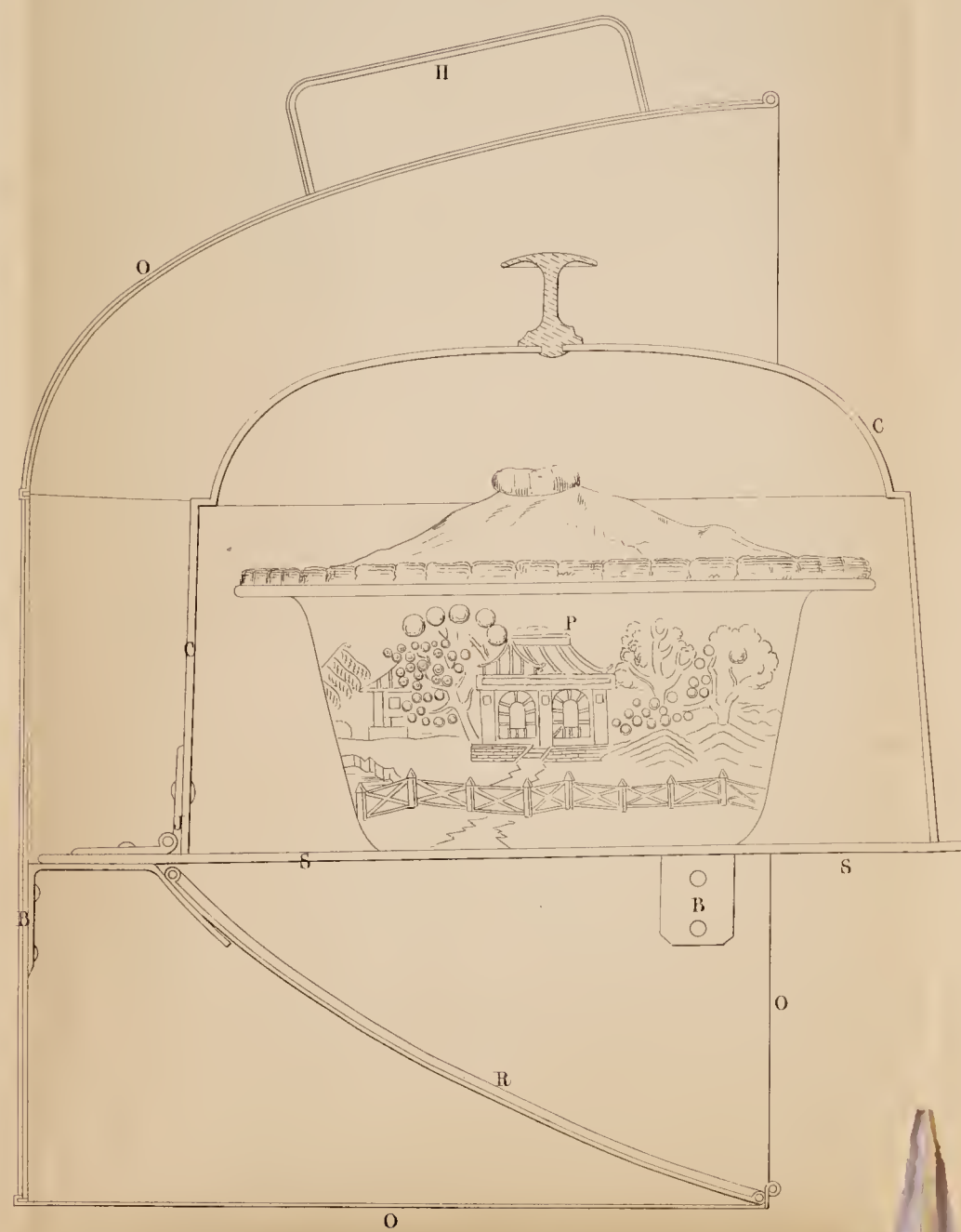


FIG. 2.

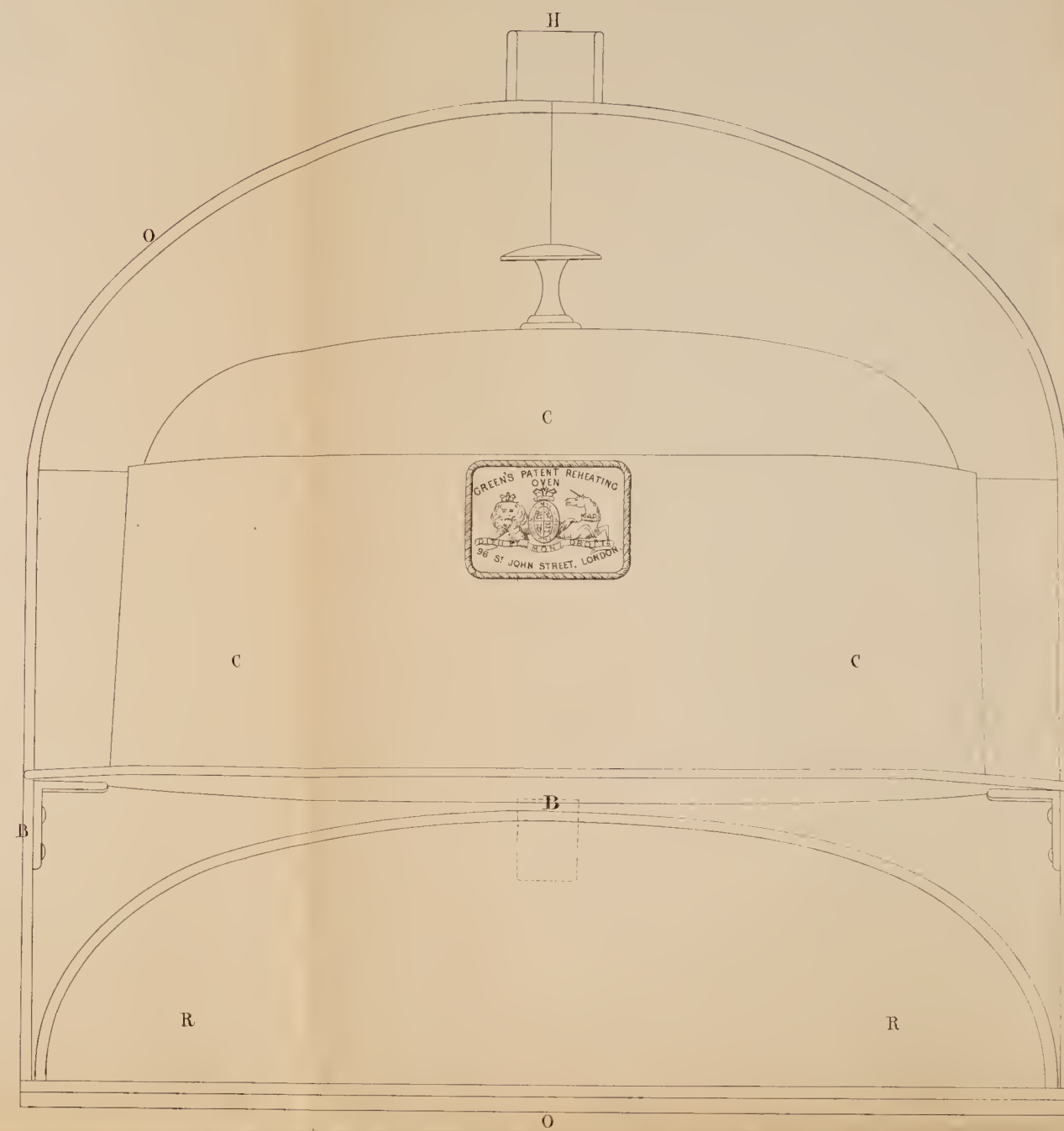
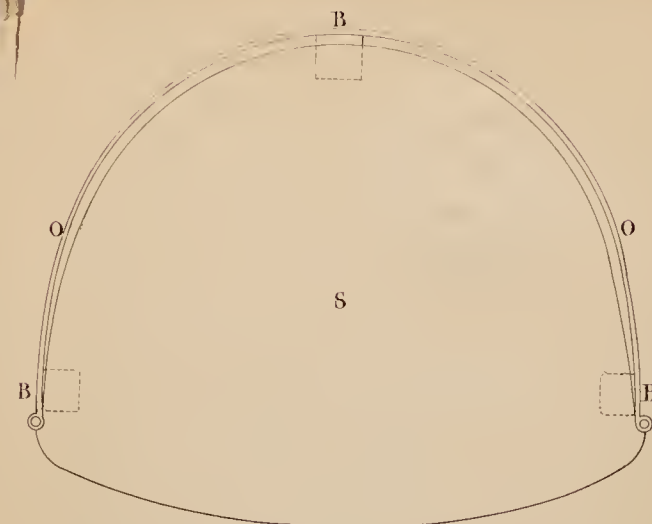


FIG. 5.



Scale, $\frac{1}{4}$ th the real size.

FIG. 3.

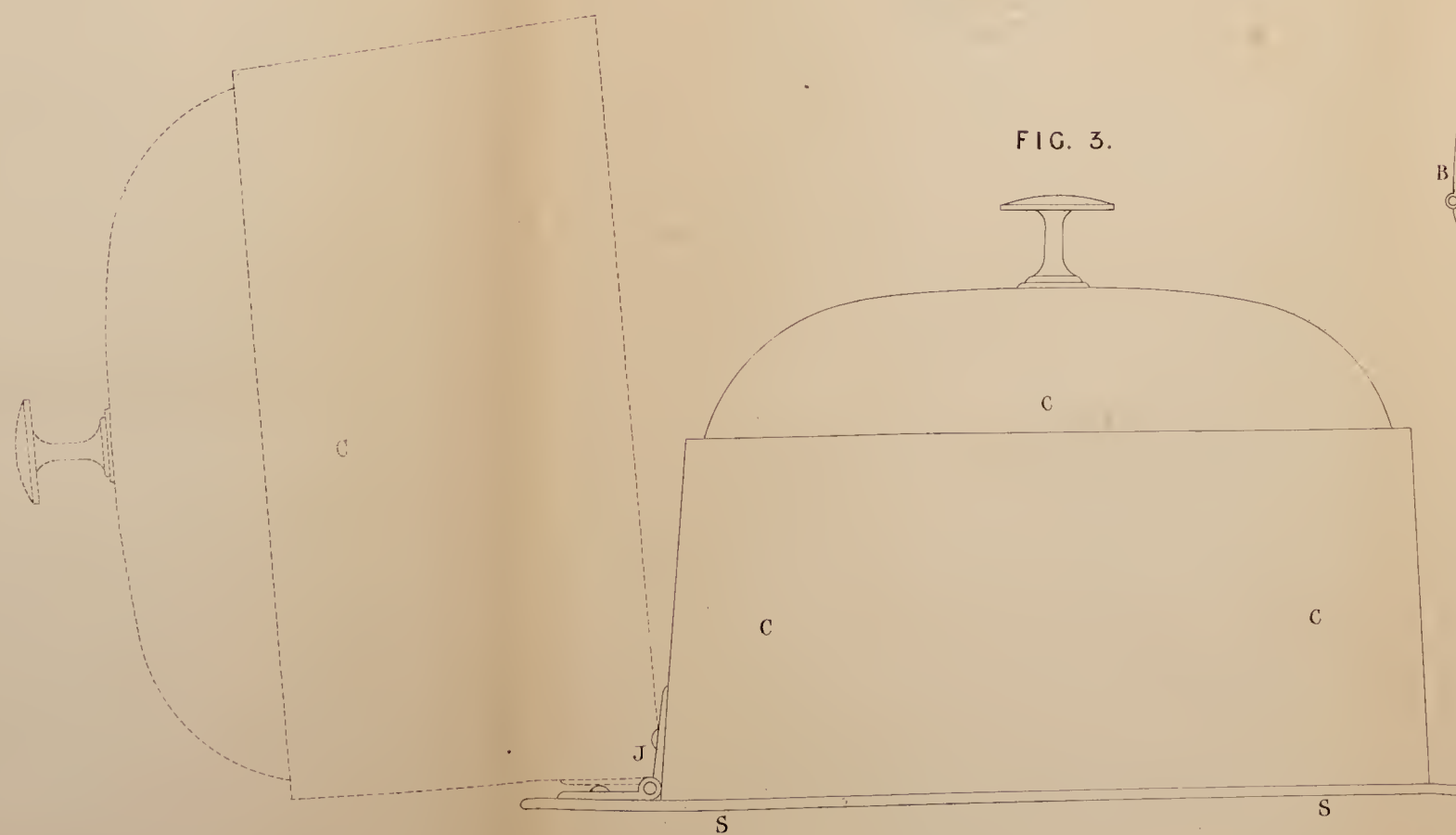
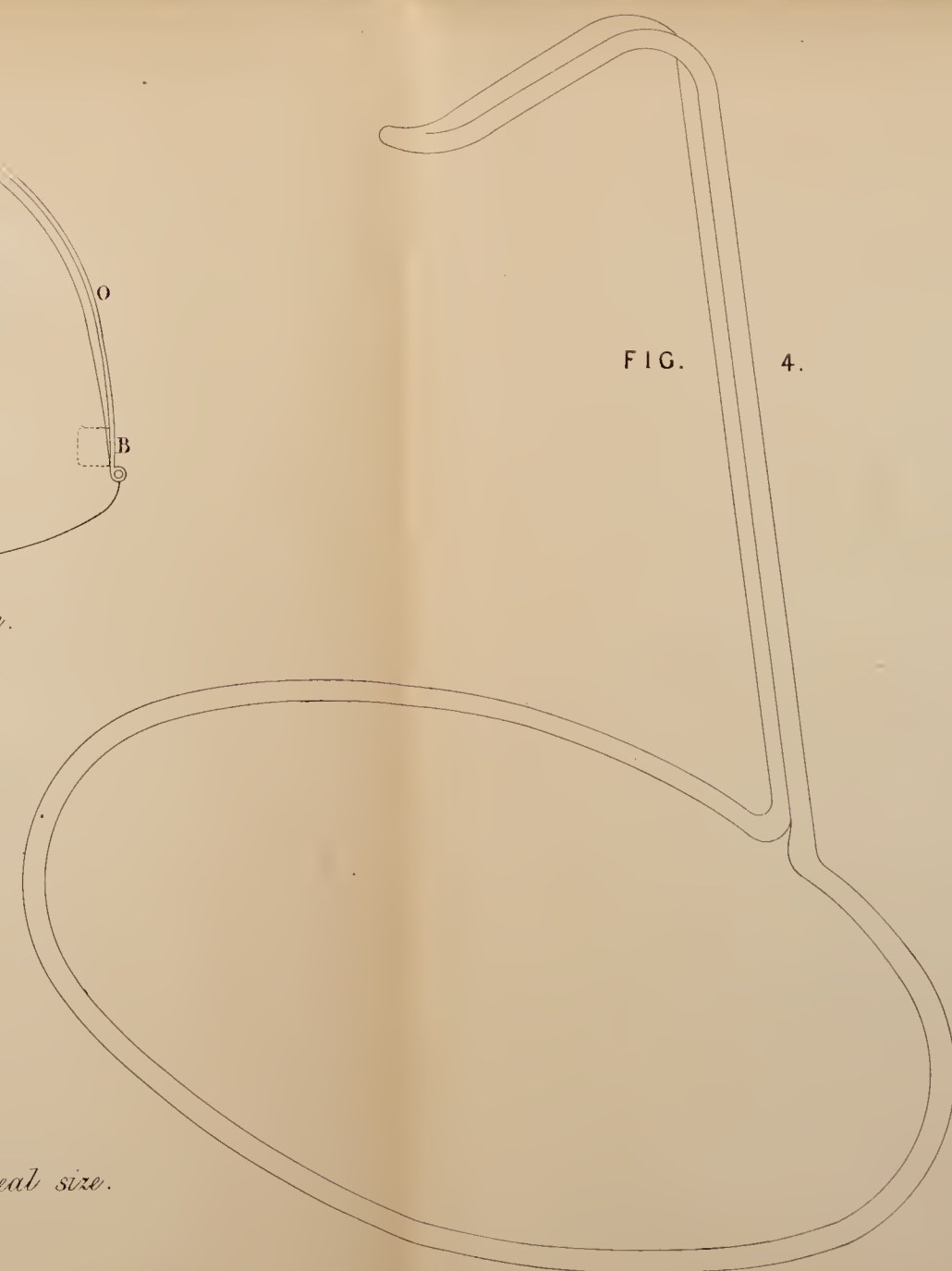


FIG. 4.



Scale of Figs. 1. 2. 3. 4. $\frac{1}{2}$ the real size.

